

## Supplemental Application Data Sheet

### Application Information

Application number:: 10/502,461  
Filing Date:: 7/23/2004  
Application Type:: Regular  
Subject Matter:: Utility  
Suggested classification::  
Suggested Group Art Unit::  
CD-ROM or CD-R?: None  
Computer Readable Form (CRF)?:: No  
Title:: AN APPARATUS AND METHOD FOR  
VACUUM-BASED NANOMECHANICAL  
ENERGY, FORCE AND MASS SENSORS  
Attorney Docket Number:: 049411-0238  
Request for Early Publication?: No  
Request for Non-Publication?: No  
Suggested Drawing Figure:: 2  
Total Drawing Sheets:: 61  
Small Entity?: Yes  
Petition included?: No  
Petition Type::  
Secrecy Order in Parent Appl.?: No

### Applicant Information


Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Taiwan  
Status:: Full Capacity  
Given Name:: Y. T.

**Family Name::** YANG  
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**State or Province of** CA  
**Residence::**  
**Country of Residence::** US  
**Street of mailing address::** 1516 E. Del Mar Boulevard  
**City of mailing address::** Pasadena  
**State or Province of mailing** CA  
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**address::**

✓ **Applicant Authority Type::** Inventor  
**Primary Citizenship Country::** Canada  
**Status::** Full Capacity  
**Given Name::** Darrell A.  
**Family Name::** HARRINGTON  
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**State or Province of mailing** CA  
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✓ **Applicant Authority Type::** Inventor  
**Primary Citizenship Country::** US  
**Status::** Full Capacity  
**Given Name::** Jean  
**Family Name::** CASEY

**City of Residence::** San Diego  
**State or Province of** CA  
**Residence::**  
**Country of Residence::** US  
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**City of mailing address::** San Diego,  
**State or Province of mailing** CA  
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 **Applicant Authority Type::** Inventor  
**Primary Citizenship Country::** Canada  
**Status::** Full Capacity  
**Given Name::** Jessica L.  
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**State or Province of mailing** CA  
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 **Applicant Authority Type::** Inventor  
**Primary Citizenship Country::** China  
**Status::** Full Capacity  
**Given Name::** H. X.  
**Family Name::** TANG  
**City of Residence::** Pasadena

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State or Province of mailing address:: CA  
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✓ Applicant Authority Type:: Inventor  
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Status:: Full Capacity  
Given Name:: Kamil L.  
Family Name:: EKINCI

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**State or Province of** MA  
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**Country of Residence::** US  
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**State or Province of mailing** MA  
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✓ **Applicant Authority Type::** Inventor  
**Primary Citizenship Country::** US  
**Status::** Full Capacity  
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**Family Name::** ROUKES  
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**State or Province of mailing** CA  
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#### **Correspondence Information**

**Correspondence Customer Number::** 22428  
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**Representative Information**

<b>Representative Customer Number::</b>	22428	
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**Domestic Priority Information**

<b>Application::</b>	<b>Continuity Type::</b>	<b>Parent Application::</b>	<b>Parent Filing Date::</b>
This Application	National Stage of	PCT/US03/14566	5/7/2003
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,713	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,536	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,542	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,709	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,546	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,685	5/7/2002

PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,644	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,551	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,550	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,544	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/379,535	5/7/2002
PCT/US03/14566	An application claiming the benefit under 35 USC 119(e)	60/419,617	10/17/2002

#### Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::

#### Assignee Information

Assignee Name::

California Institute of Technology